

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT:

Resolution No. 8681 authorizing execution of an amendment to the Professional Services Agreement with Reid Middleton, Inc., in the amount of \$106,855.60, increasing the total contract amount to \$276,337, to develop final design and prepare the construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-I-92).

FISCAL IMPACT:

This action obligates the City to increase the existing agreement with Reid Middleton, Inc. by \$106,855.60, for a total contract amount of \$276,337, to develop final design and prepare the construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-I-92).

Consultant Agreement with Reid Middleton, Inc.			
Original Agreement	Alternative Analysis	Resolution No. 8531	\$169,481.40
Amendment #1	Final Design	Tonight's Action	\$106,855.60
Total Amended Agreement			\$276,337.00

This amount is fully funded through the 2013-2019 Capital Investment Program (CIP Plan No. PW-I-92). The following table provides the financial status of the project:

Project Category: Intersections
CIP Plan No: PW-I-92
Project Name: Lakemont Boulevard/Cougar Mountain Way

(\$000)

	Current Budget	LTD Expenditures	Total Projected Expenditure s	Projected Balance	<i>This Action</i>	Actual / Projected Completion Date
Phase I (Pre-Design)	\$170	\$156	\$157	\$13	\$0	Q3-2013
Phase II (Design)	225	0	238	(13)	\$107	Q2-2014
Phase III (Right-of-Way)	0	0	0	0	\$0	N/A
Phase IV (Construction)	1,145	0	1,145	0	\$0	Q4-2014
Total	\$1,540	\$156	\$1,540	\$0	\$107	

The total projected costs, including the proposed action, assume full expenditure of project contingencies.

STAFF CONTACT:

Dave Berg, Director, 452-6468
Ron Kessack, Assistant Director, 452-4631
Mike Mattar, Design Division Manager, 452-4318
Chris Masek, Senior Project Manager, 452-4619
Transportation Department

POLICY CONSIDERATION:

Comprehensive Plan – Newcastle Subarea:

This project supports the City's Comprehensive Plan policies by providing improved safety and convenient access at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way. As stated in the Newcastle Subarea Plan **POLICY S-NC-23**: "Ensure convenient access by car and transit from the Subarea (Newcastle) to existing retail areas within the Bellevue city limits". The intent of this policy is to ensure that adequate private and public services are provided for current and future residents of the area. This proposed project will improve public service and improve access to area parks, schools, retail facilities and residences that currently use Lakemont Boulevard and Cougar Mountain Way.

Policy TR-46.4: Improve opportunities for pedestrians to safely cross streets at intersection and mid-block locations.

BACKGROUND:

The existing intersection at Lakemont Boulevard SE/SE Cougar Mountain Way/SE 63rd Street consists of a two-way-stop intersection controlling traffic from the SE Cougar Mountain Way and SE 63rd Street approaches. Over the past four years, residents in the area have noticed an increase in traffic and delay due to peak hour traffic accessing SE Cougar Mountain Way and the Open Window School. The City has received many requests to provide improvements at this intersection. A range of improvements have been suggested by the residents, including a traffic roundabout, a traffic signal, or four-way stop signs.

On December 3, 2012, Council approved Ordinance No. 6089 adopting the 2013-2019 Capital Improvement Program Plan (CIP). As part of the CIP Plan, the Lakemont Boulevard SE/SE Cougar Mountain Way Project (CIP Plan No. PW-I-92) was created with a budget of \$1.54 million for the completion of design, right-of-way acquisition, and construction of improvements at the intersection of Lakemont Boulevard SE/SE Cougar Mountain Way/SE 63rd Street.

On March 4, 2013, Council approved Resolution No. 8531 authorizing the execution of a Professional Services Agreement with Reid Middleton, Inc. in the amount of \$169,481.40 to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard SE/SE Cougar Mountain Way. The alternative analysis phase included gathering field topographical survey, gathering existing environmental information, developing conceptual designs to identify construction costs, right-of-way needs, and environmental impacts for the various alternatives.

Four design alternatives were developed including:

- Turn Lanes on Lakemont Boulevard SE;
- All Way Stop Signs;
- Traffic Signal; and
- Roundabout.

The alternative selection criteria included items such as intersection efficiency of operations from year of opening to 2030, user safety, right-of-way impacts, environmental impacts, and overall project cost. The Turn Lanes on Lakemont Boulevard SE and the All Way Stop Sign alternatives were the least costly to implement; however, they did not satisfy some of the project objectives such as decreasing vehicle delay and reducing potential accidents. The Traffic Signal

and the Roundabout alternatives met all project objectives. The cost of the Traffic Signal alternative was estimated to be about \$1.24 million. The cost of the Roundabout alternative was estimated to be about \$3.26 million. The significant cost differential was due to the much larger footprint for the roundabout, which meant larger right-of-way and environmental impacts, and subsequently much higher costs.

Staff has been engaging the community from the beginning of the alternative identification and analysis phase via newsletters, community meetings and one-on-one discussions. On August 22, 2013, staff held an Open House to formally present to the community the design alternatives, selection criteria, and the findings of the alternative analysis, and to solicit input from the community on their design alternative preference. Over 100 local residents attended the Open House and over 70% voted for the Traffic Signal as their preferred alternative for the intersection improvement.

On November 14, 2013, staff presented this project to the Transportation Commission to update them on the design alternative analysis process and the results of the public outreach. The Transportation Commission concurred that the Traffic Signal alternative seems to be the most appropriate alternative for improving the Lakemont Boulevard SE/SE Cougar Mountain intersection.

This action will amend the existing Professional Services Agreement with Reid Middleton, Inc. to develop final design and prepare the construction contract documents. Reid Middleton, Inc. was originally selected to perform the alternative analysis because it appeared to be the most qualified firm based on its strong multi-disciplinary team, demonstrated detailed knowledge of the project's issues and challenges, a high level of technical expertise, and previous successful experiences providing alternative analyses and designing similar projects.

EFFECTIVE DATE:

If adopted, this Resolution becomes effective immediately.

OPTIONS:

1. Resolution No. 8681 authorizing execution of an amendment to the Professional Services Agreement with Reid Middleton, Inc., in the amount of \$106,855.60, increasing the total contract amount to \$276,337.00, to develop final design and prepare the construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-I-92).
2. Do not adopt Resolution No. 8681 and provide alternative direction to staff.

RECOMMENDATION:

Adopt Resolution No. 8681 authorizing execution of an amendment to the Professional Services Agreement with Reid Middleton, Inc., in the amount of \$106,855.60, increasing the total contract amount to \$276,337.00, to develop final design and prepare the construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-I-92).

MOTION:

Move to adopt Resolution No. 8681 authorizing execution of an amendment to the Professional Services Agreement with Reid Middleton, Inc., in the amount of \$106,855.60, increasing the total contract amount to \$276,337.00, to develop final design and prepare the

construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-I-92).

ATTACHMENTS:

Vicinity Map

CIP Project Description

Proposed Resolution No. 8681

AVAILABLE IN COUNCIL OFFICE:

Consultant Agreement



PW-I-92 Lakemont Boulevard / Cougar Mountain Way

Category: **Intersections**
 Department: **Transportation**

Status: **New**
 Location: **Lakemont Blvd/Cougar Mt Wy/SE 63rd St**

Programmed Funding

Programmed Funding	Appropriated To Date	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget
1,539,948	-	255,250	161,670	1,123,028	-	-	-	-

Description and Scope

This project will include an alternative analysis followed by final design and construction of selected traffic operation improvements at the intersection of Lakemont Boulevard and Cougar Mountain Way/SE 63rd Street. Improvements will be identified, designed, and constructed in a manner that enhances safety and improves intersection operation for vehicular, bicycle and pedestrian traffic. Intersection improvements that may be considered include: a roundabout, a traditional traffic signal with added turn pockets, and a 4-way stop controlled intersection. The alternative analysis and selection phase will include community outreach/involvement facilitation. This project will be coordinated with the Enhanced Right of Ways and Urban Boulevards Program (CIP Plan No. CD-22) due to the unique gateway enhancement opportunity provided by the roundabout alternative. The project budget was established to accommodate the preliminary cost estimates for a roundabout alternative.

Rationale

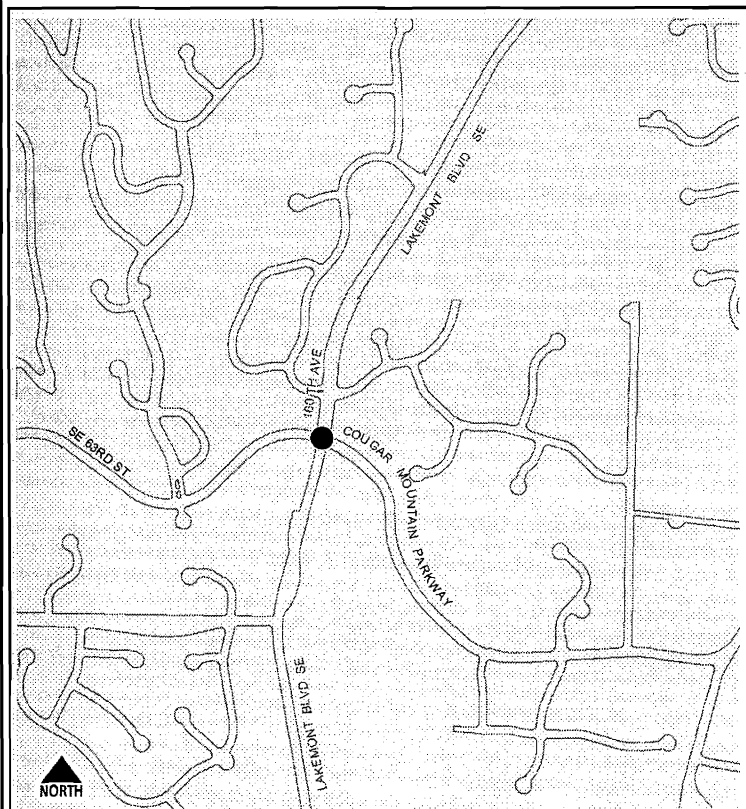
This project responds to numerous citizen requests for traffic control measures at this intersection. A signal warrant analysis at this intersection was conducted in October of 2011 and confirmed the conclusion from the 2004 Lakemont Boulevard Pre-Design Analysis that indicated a traffic signal would be warranted at this location in the future. The city has begun considering alternatives to traditional traffic signals, thus a roundabout at this location will be seriously considered for its potential to better address safety concerns, congestion, and ongoing operating and maintenance costs. A roundabout may also provide a more environmentally and energy sensitive solution, as well as enhanced landscaping opportunities.

Environmental Impacts

A citywide programmatic environmental review including this project was conducted as part of the citywide 2009-2020 Transportation Facilities Plan update. Programmatic impact and mitigation documentation is included in the 2009-2020 TFP Final Environmental Impact Statement, published in March 2009. A project-specific environmental determination will be made for this project in conjunction with preliminary engineering.

Operating Budget Impacts

Ongoing maintenance and operations costs of the new facilities will be determined during the project's design phase.

Project Map

Project Activities	From - To	Amount
Project Costs	01/13 - 12/15	1,539,948

Total Budgetary Cost Estimate: 1,539,948

Means of Financing

Funding Source	Amount
General Taxes	1,539,948

Total Programmed Funding: 1,539,948
Future Funding Requirements: 0

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8681

A RESOLUTION authorizing execution of an Amendment to the Professional Services Agreement with Reid Middleton, Inc., increasing the contract amount by \$106,885.60 for a contract total of \$276,337, to develop final design and prepare the construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-1-92).

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The City Manager or his designee is hereby authorized to execute an Amendment to the Professional Services Agreement with Reid Middleton, Inc., increasing the contract amount by \$106,855.60 for a contract total of \$276,337, to develop final design and prepare the construction contract documents for the proposed improvements at the intersection of Lakemont Boulevard SE and SE Cougar Mountain Way (CIP Plan No. PW-1-92), a copy of which amendment has been given Clerk's receiving No. _____.

Passed by the City Council this _____ day of _____, 2014, and signed in authentication of its passage this _____ day of _____, 2014.

(SEAL)

Claudia Balducci, Mayor

Attest:

Myrna L. Basich, City Clerk